

### ABSTRACT

The invention relates to polypeptides, characterized in that they include at least 3 proteins or any part of one or more of these proteins necessary to confer on Gram-positive bacteria resistance to antibiotics of the glycopeptide family, in particular vancomycin and/or teicoplanin, or to promote this resistance, in particular in strains of the family of the Gram-positive cocci, these proteins or parts of proteins being recognized by antibodies directed against one of the sequences identified in the list of sequences by SEQ ID NO 1, SEQ ID NO 2, SEQ ID NO 3.

The invention also relates to the nucleotide sequences coding for these polypeptides as well as their use for the diagnosis of resistance to the glycopeptides.